

BHJ7USA



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appln. No.

: 10/520,094

Confirmation No.: unassigned

Applicant

: Van Den Bergh et al.

Filed

: January 4, 2005

TC/A.U.

: unassigned

Examiner

: unassigned

Customer No.: 00270

Title

: CONJUGATES OF PHOTOSENSITIZERS AND

OLIGONUCLEOTIDES FOR SELECTIVE

PHOTOCHEMIOTHERAPY

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Applicants submit to the Examiner the attached Form PTO/SB/08A/B document listing and this paper pursuant to 37 CFR § 1.56 and § 1.97-1.98. Form PTO/SB/08A/B is attached and copies of documents AL-BM and AR-AS are enclosed herewith. This Information Disclosure Statement is submitted less than three months from the filing date of this application and before the receipt of a first Office Action on the merits. Therefore, no fees are believed due.

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this date: February 15, 2005
Signature Xolly College Constants

Kelly A. Karstaedt

The Director is hereby authorized to charge any deficiency in any fees due with the filing of this paper or credit any overpayment in any fees to our Deposit Account Number 08-3040.

REMARKS

Listed below are documents cited in the International Search Report dated November 10, 2003 in the counterpart International Patent Publication No. WO-04/004769, published January 15, 2004. A copy of the Report is enclosed.

- (i) U.S. Patent No. 5,567,687, issued October 22, 1996 (item AA)
- (ii) U.S. Patent No. 5,595,726, issued January 21, 1997 (item AB)
- (iii) Great Britain Patent No. 2,317,951, issued April 8, 1998 (item AL)
- (iv) International Patent Publication No. WO-97/03697, published February 6, 1997 (item AM)
- (v) International Patent Publication No. WO-97/39008, published October 23, 1997 (item AN)
- (vi) International Patent Publication No. WO-99/31276, published June 24, 1999 (item AO)
- (vii) STOJANOVIC et al., "Catalytic molecular beacons", Chembiochem., June 1, 2001, 2(6):411-415 (item AR)
- (viii) TYAGI et al., "Molecular beacons: Probes that fluoresce upon hybridization", Nat. Biotech., March 1996, 14(3):303-308 (item AS)

The Examiner is respectfully requested to consider the enclosed documents identified in this paper and in the attached Form PTO/SB/08A/B during the course of examination of this application.

Respectfully submitted,

HOWSON AND HOWSON Attorneys for Applicants

Mary E. Bak

Registration No. 31,215 Spring House Corporate Center

Box 457

Spring House, PA 19477 Telephone: (215) 540-9200 Telefacsimile: (215) 540-5818

PTO/SB/08b (08-03)

Approved for use through 06/30/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

uder the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number,

Complete if Known Substitute for form 1449A/PTO 10/520,094 Application Number January 4, 2005 INFORMATION DISCLOSURE Filing Date Van Den Bergh et al. STATEMENT BY APPLICANT First Named Inventor unassigned Group Art Unit unassigned Examiner Name (Use as many sheets as necessary) **BHJ7USA** Attorney Docket Number Sheet

			U.S. PATENT DOCUM	1ENTS	
Examiner Initials*	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ^{2(if known)} 5,567,687	10-22-1996	Magda et al.	
	AA AB	5,595,726	01-21-1997	Magda et al.	
	AB	3,3,3,7,20			

		FOREIGN	PATENT DOCUMENTS		Pages, Columns,	Т
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Lines, Where Relevant Passages or Relevant Figures Appear	Т6
		Country Code ³ - Number ⁴ -Kind Code ⁵ (if known) GB-2,317,951-A	04-08-1998	Glazer et al.		↓_
	AL	WO-97/03697-A2	02-06-1997	Bottiroli et al.		
·	AM	WO-97/39008-A1	10-23-1997	Tyagi et al.		_
	AN	WO-99/31276-A1	06-24-1999	Jayasena et al.		↓_
	AO	WO-00/46398-A1	08-10-2000	Kay		
	AP	WO-00/40398-X1	11-15-2001	Cook et al.		1_
	AQ	WO-98/10096-A1	03-12-1998	Tyagi et al.		\perp
	BL BM	WO-98/10090-A1 WO-98/45705-A2	10-15-1998	Beuchler et al.		

		Date	<u> </u>
Examiner Signature	İ	Considered	
i			

^{*} EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the This collection of information is required by 35 USC 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including USPTO to process) an application. Confidentiality is governed by 35 USC 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the gathering, preparing, and submitting the completed application form to the USPTO. The will vary depending upon the individual case. Any comments on the gathering, preparing, and submitting the complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETE FORMS TO THIS ADDRESS.

SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PTO/SB/08b (08-03)

Approved for use through 06/30/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

1111			k Reduction Act of 1993, 110 p	Complete if Known			
Substitute for	form 14491	в/РТО		Application Number	10/520,094		
TNEOF		ON F	ISCLOSURE	Filing Date	January 4, 2005		
CTAT	EMENI	PV	APPLICANT	First Named Inventor	Van Den Bergh et al.		
STATEMENT BY APPLICANT				Group Art Unit	unassigned		
1 - 11			necessary)	Examiner Name	unassigned		
(Use as many sheets as necessary)			1 2	Attorney Docket Number	BHJ7USA		
Sheet 2 of 2			2	Attorney Doctor training			

		NONPATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include the name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item, (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue item, (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
	AR	STOJANOVIC et al., "Catalytic molecular beacons", Chemolochem. June 1, 2001	
		2(6):411-415 TYAGI et al., "Molecular beacons: Probes that fluoresce upon hybridization", Nat.	
	AS	TYAGI et al., "Molecular beacons. 1 100cs that Hudrest 47 3 8 Biotech. March 1996 14(3):303-308	ļ
		Biolech. Waiten 2000	
	ļ		
			+
			
	 		
	<u> </u>		
Examiner Signa	ture	Date Considered	

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

^{*} EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

¹ Applicant's unique citation is entire public which is to file (and by the This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the This collection of information is attached.

¹ Applicant's unique citation is attached.

¹ Applicant's unique citation is attached.

¹ Applicant's unique citation is attached.

¹ Applicant's to place a check mark here if English language Translation is attached.

¹ Applicant's unique citation is attached.

¹ Applicant's unique citation is attached.

¹ Applicant's to place a check mark here if English language Translation is attached.

¹ Applicant's unique citation is attached.

¹ Applicant's to place a check mark here if English language Translation is attached.

¹ Applicant's unique citation is attached.

¹ Applicant's to place a check mark here if English language Translation is attached.

¹ Applicant's unique citation is attached.

¹ Applicant's to place a check mark here if English language Translation is attached.

¹ Applicant's to place a check mark here if English language Translation is attached.

¹ Applicant's to place a check mark here if English language Translation is attached.

¹ Applicant's to place a check mark here if English language Translation is to place the place a check mark here

· STAFF	RANSMITTAL	no person	U.S. F	Patent and To lection of info 10/520,094 January 4,	2005		
FORM (to be used for all correspondence after initial filin			Art Unit unass		n Den Bergh et al. " assigned assigned		
		6	Attorney Docket Number BHJ7USA				
Fee Transmittal Form Fee Attached Amendment/Reply After Final Affidavits/declaration(s) Extension of Time Request Express Abandonment Request Information Disclosure Statement		Remai	Drawing(s) Licensing-related Papers Petition Petition to Convert to a Provisional Application Power of Attorney, Revocation Change of Correspondence Address Terminal Disclaimer Request for Refund CD, Number of CD(s) Landscape Table on CD		After Allowance Communication to TC Appeal Communication to Board of Appeals and Interferences Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) Proprietary Information Status Letter Other Enclosure(s) (please Identify below): 10 reference documents		
Firm Name	3		OF APPLICANT, ATTO	NIL 1, C	, AGENT		
Signature : Mour F. Roberts Printed name				*			
Date	Mary E. Bak February 15, 2005	-	<u> </u>	Reg. No.	31,215		
	repluary 15, 2005		<u></u>		01,210		
CERTIFICATE OF TRANSMISSION/MAILING							

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature

Kellyh Kentaets

Typed or printed name

Kelly A. Karstaedt

Date February 15, 2005

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.